



Australian Government

Assessment Requirements for RIICTT304D Undertake on-line replacement for existing pipeline systems

Release: 1

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Modification History

Not applicable.

Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies applicable documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of on-line replacements for existing pipeline systems including:
 - selecting and using the required tools and equipment
 - determining site conditions and locating underground utilities
 - preparing exit and entry pits
 - undertaking confined space entry
 - identifying and selecting on-line replacement methods
 - monitoring installation process and the finished product
- works effectively with others to undertake and complete on-line replacement for existing pipeline systems that meets all of the required outcomes including:
 - using a range of communication techniques and equipment to convey information to others
 - maintaining written and verbal reporting requirements and procedures
 - organising work activities to meet all task requirements
- demonstrates consistent and timely completion of on-line replacement for existing pipeline systems that safely, effectively and efficiently meet all of the required outcomes on a minimum of three (3) separate occasions including:
 - completing a minimum of two (2) different on-line replacements for existing pipeline systems
 - identifying, obtaining, confirming and applying work, safety and signage instructions and requirements
 - cleaning, checking, maintaining and storing plant, tools and equipment
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Knowledge Evidence

The candidate must demonstrate knowledge in undertaking on-line replacement for existing pipeline systems through:

- laser control equipment techniques
- manual handling techniques
- engineering drawings, plans and specifications
- equipment types, characteristics, technical capabilities and limitations
- site isolation and traffic control responsibilities
- materials safety data sheets and materials handling methods
- civil construction terminology
- pipeline systems methods
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Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed using Resources and Infrastructure Industry sector specific policies, procedures, processes and operational manuals; and,
- an assessor must demonstrate the skills and knowledge of this unit through five (5) years' work experience in the Industry sector; and,
- where the assessor does not have current experience a co-assessment or partnership arrangement needs to exist between the qualified assessor and an Industry technical expert/ subject matter expert. The Industry technical expert/subject matter expert must hold the unit being assessed and be currently working in the sector with a minimum of two (2) years' of current work experience.
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Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>